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17497 U.S. PTO
10/64758



06/26/03

August 26, 2003

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop Patent Application

Re: U.S. Continuation Utility Patent Application under 37 C.F.R. § 1.53(b)
(claiming priority to U.S. Appl. No. 09/995,695, filed: November 29, 2001)
Appl. No. (to be assigned); Filed: Herewith
For: **Local Oscillator Apparatus and Method**
Inventor: Alexandre Kral
Our Ref: 1875.1210004

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
3. U.S. Continuation Utility Patent Application entitled:

Local Oscillator Apparatus and Method

and naming as inventor:

Alexandre Kral

the application consisting of:

- a. An Application Data Sheet (37 C.F.R. § 1.76);

Commissioner for Patents
August 26, 2003
Page 2

- b. A copy of the executed Declaration, as originally filed in U.S. Appl. No. 09/995,695;
- c. A specification containing:
 - i. 42 pages of description prior to the claims;
 - ii. 3 pages of claims (14 claims);
 - iii. a one (1) page abstract; and
- d. 25 sheets of drawings: (Figures 1-4, 5A, 5B, 6-24);

- 4. Original executed Statement Under 37 C.F.R. § 1.63(d)(2) Deleting Inventor;
- 5. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
- 6. Two (2) return postcards; and
- 7. PTO-2038 Credit Card Payment Form for \$ 750.00 to cover:
\$ 750.00 Filing fee for patent application.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey T. Helvey
Attorney for Applicant
Registration No. 44,757

JTH/agj
::ODMA\MHODMA\SKGF_DC1;172009;1
SKGF Rev. 2/12/02 dcw; 9/5/02 mac; 4/29/03 svb

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No. 1875.1210004

First Inventor Alexandre Kral

Title Local Oscillator Apparatus and Method

Express Mail Label No.

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria VA 22313-1450

1. <input checked="" type="checkbox"/> Fee Transmittal Form (<i>e.g., PTO/SB/17</i>) <i>(Submit an original, and a duplicate for fee processing)</i>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i>
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
3. <input checked="" type="checkbox"/> Specification [Total Pages <u>46</u>] <i>(preferred arrangement set forth below)</i>	a. <input type="checkbox"/> Computer Readable Form (CRF)
- Descriptive title of the Invention	
- Cross Reference to Related Applications	
- Statement Regarding Fed sponsored R & D	
- Reference to sequence listing, a table, or a computer program listing appendix	
- Background of the Invention	
- Brief Summary of the Invention	
- Brief Description of the Drawings (<i>if filed</i>)	
- Detailed Description	
- Claim(s)	
- Abstract of the Disclosure	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>25</u>]	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
5. Oath or Declaration [Total Pages <u>11</u>]	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney
a. <input type="checkbox"/> Newly executed (original or copy)	11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>
b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>	12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
i. <input checked="" type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).	13. <input type="checkbox"/> Preliminary Amendment
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:	15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-Part (CIP) <i>Prior application information:</i> Examiner <u>(to be assigned)</u>	16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
	17. <input checked="" type="checkbox"/> Other: <u>Authorization under 37 C.F.R. § 1.136(a)(3)</u>
	18. <input checked="" type="checkbox"/> Other: The name of the assignee is: <u>Broadcom Corporation</u>

ACCOMPANYING APPLICATION PARTS

9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney
11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>	12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
13. <input type="checkbox"/> Preliminary Amendment	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>
15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. <input checked="" type="checkbox"/> Other: <u>Authorization under 37 C.F.R. § 1.136(a)(3)</u>	18. <input checked="" type="checkbox"/> Other: The name of the assignee is: <u>Broadcom Corporation</u>

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-Part (CIP)
Prior application information: Examiner (to be assigned) of prior application No: 09/995,695
Group/Art Unit: 2817

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS** Customer Number **26111***or* Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. Attorneys at Law				
ADDRESS	1100 New York Avenue, N.W.				
CITY	Washington	STATE	D.C.	ZIP CODE	20005-3934
COUNTRY	U.S.A.	TELEPHONE	(202) 371-2600		FAX (202) 371-2540

NAME (Print/Type)	Jeffrey T. Helvey	Registration No. (Attorney/Agent)	44,757
SIGNATURE	<i>J.T. Helvey</i>		
Date	8/26/03		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

#172050v1<SKGP_DC1>-Application Transmittal Form for filing Continual.wpd

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

1769
80/92/80

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) **750.00****METHOD OF PAYMENT (check all that apply)**
 Check Credit card Money Order Other** None

** Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

 Deposit Account
Deposit Account Number 19-0036

Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

The Commissioner is authorized to: (check all that apply)
 Charge fee(s) indicated below Credit any over payments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	\$750.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1105	160	2005	80	Provisional filing fee	
SUBTOTAL (1) (\$)				750.00	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra	Fee from below	Fee Paid
Total Claims	14 - 20** = 0 X \$18.00	= \$0.00
Indep. Claims	3 - 3** = 0 X \$84.00	= \$0.00
Multiple Dependent		\$280.00 = \$0.00

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				0.00

**or number previously paid, if greater; For Reissue, see above

Complete if Known	
Application Number	(to be assigned)
Filing Date	Herewith
First Named Inventor	Alexandre Kral
Examiner Name	(to be assigned)
Art Unit	(to be assigned)
Attorney Docket No.	1875.1210004

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1502	50	2052	25	Surcharge-late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) **0.00****SUBMITTED BY**

Name (Print/Type)	Jeffrey T. Helvey Attorney for Applicant	Registration No. (Attorney/Agent)	44,757	Telephone	202-371-2600
Signature	J.T. Helvey			Date	8/26/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (or by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Alexandre Kral

Appl. No. (to be assigned)

Filed: Herewith

For: **Local Oscillator Apparatus and
Method**

Confirmation No. (to be assigned)

Art Unit: (to be assigned)

Examiner: (to be assigned)

Atty. Docket: 1875.1210004

**Authorization To Treat A Reply As Incorporating An Extension Of
Time Under 37 C.F.R. § 1.136(a)(3)**

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey T. Helvey
Attorney for Applicant
Registration No. 44,757

Date: 8/26/03
1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
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JTH/agj
::ODMA\MHODMA\SKGF_DC1;172057;1

SKGF 1/25/02 mac; 4/18/03 svb

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Confirmation No.: (to be assigned)
Alexandre Kral	Art Unit: (to be assigned)
Appl. No. (to be assigned)	Examiner: (to be assigned)
Filed: Herewith	Atty. Docket: 1875.1210004
For: Local Oscillator Apparatus and Method	

Statement Under 37 C.F.R. § 1.63(d)(2) Deleting Inventor

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The above-captioned application is a continuation application of U.S. Application No. 09/995,695, filed on November 29, 2001, and listing as the sole inventor Alexandre Kral. Whereas, the parent application 09/995,695 lists the following inventors: Myles Wakayama, Dana Vincent Laub, Frank Carr, Afshin Mellati, David S.P. Ho, Hsiang Bin Lee, Chun-Ying Chen, James Y.C. Chang, Lawrence M. Burns, Young Joon Shin, Patrick Pai, Iconomos A. Koullias, Ron Lipka, Luke Thomas Steigerwald, and Alexandre Kral.

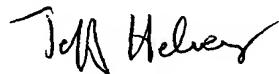
The above-captioned application utilizes a copy of the declaration from the 09/995,695 application. Accordingly, as required under 37 C.F.R. § 1.63(d)(2), Applicants hereby request the deletion of Myles Wakayama, Dana Vincent Laub, Frank Carr, Afshin Mellati, David S.P. Ho, Hsiang Bin Lee, Chun-Ying Chen, James Y.C. Chang, Lawrence M. Burns, Young Joon Shin, Patrick Pai, Iconomos A. Koullias, Ron Lipka, Luke Thomas Steigerwald from the inventorship of the above-captioned application. This change in inventorship is necessitated

Alexandre Kral
Appl. No. (to be assigned)

because Myles Wakayama, Dana Vincent Laub, Frank Carr, Afshin Mellati, David S.P. Ho, Hsiang Bin Lee, Chun-Ying Chen, James Y.C. Chang, Lawrence M. Burns, Young Joon Shin, Patrick Pai, Iconomos A. Koullias, Ron Lipka, Luke Thomas Steigerwald are not inventors of the subject matter of any of claims of the above-captioned application.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey T. Helvey
Attorney for Applicant
Registration No. 44,757

Date: 8/26/03

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